

Subject: Separate Science – Biology

Date (w/b)	Exams	Unit(s)	
02/09/2024		B4 Bioenergetics <ul style="list-style-type: none"> B4.2 Aerobic Respiration B4.2 Anaerobic Respiration B4.2 Effects of exercise B4.2 Metabolism 	
09/09/2024			
16/09/2024			
23/09/2024			B1 Cells <ul style="list-style-type: none"> B2.3 Required Practical 3 - Osmosis
30/09/2024			B2 Organisation <ul style="list-style-type: none"> B2.3 Plant organs and tissues B2.3 Plant transport B1.3 Active Transport
07/10/2024			
14/10/2024			
21/10/2024		B4 Photosynthesis <ul style="list-style-type: none"> B4.1 Photosynthesis B4.1 Rate of Photosynthesis B4.1 Required Practical 5 – Effect of Light on Photosynthesis B4.1 Limiting factors B4.1 Use of Glucose 	
04/11/2024		B2 Organisation <ul style="list-style-type: none"> B2.2 Non-communicable disease B2.2 Coronary Heart Disease +treatment B2.2 Cancer B3 Infection and response <ul style="list-style-type: none"> (B1.1) Bacterial cells B3.1 Bacteria and Viral diseases B3.1 Fungal and Protista diseases B3.1 Required Practical 2 – Bacterial Growth Required Practical Activity 4: pH and Amylase 	
11/11/2024			
18/11/2024			
25/11/2024			
02/12/2024			
09/12/2024			
16/12/2024			
06/01/2025		<u>Assessment Window 1 Revision</u>	
13/01/2025		B3 Infection and response <ul style="list-style-type: none"> B3.1 Human defence systems B3.1 Antibiotics, Painkillers B3.1 Discovery and development of drugs B3.2 MAB production B3.3 Plant disease 	
20/01/2025			
27/01/2025			
03/02/2025			
10/02/2025			
24/02/2025		B5 Homeostasis and Response <ul style="list-style-type: none"> B5.2 Nervous system B5.2 The Brain 	
03/03/2025			

Year 10 Long Term Scheme of Learning 2024-25

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10/03/2025		<ul style="list-style-type: none"> • B5.2 The Eye • B5.1 Human endocrine system • B5.2 Thermoregulation
17/03/2025		
24/03/2025		
31/03/2025		
21/04/2025		<p>B5 Homeostasis and Response</p> <ul style="list-style-type: none"> • B5.3 Control of blood glucose concentration • B5.3 Kidney and ADH • B5.3 Hormones in human reproduction • B5.3 Contraception • B5.3 Use of hormones to treat infertility (H tier) • B5.3 Negative Feedback (H tier)
28/04/2025		
05/05/2025		
12/05/2025		
19/05/2025		
02/06/2025		
09/06/2025		<p><u>Assessment Window 2 Revision</u></p> <ul style="list-style-type: none"> • Required practical 8 - Phototropism • B5.4 Plant Hormones <p>B7 Ecology</p> <ul style="list-style-type: none"> • B7.2 Sampling • B7.2 Required Practical 7 – Sampling populations
16/06/2025		
23/06/2025		
30/06/2025		
07/07/2025		
14/07/2025		